LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041501.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.554	245	249	256	rVB	19884	32658	1.21%	0.248%
2	5.565	414	421	435	rVB	519589	846333	31.36%	6.438%
3	7.186	690	697	709	rBV	583575	987834	36.60%	7.514%
4	7.557	753	760	774	rVB	555511	960478	35.59%	7.306%
5	8.027	834	840	852	rVB	101623	184285	6.83%	1.402%
6	8.350	888	895	904	rBV	428502	739038	27.38%	5.622%
7	9.208	1034	1041	1055	rBV	337851	638592	23.66%	4.858%
8	10.853	1315	1321	1330	rVB	121012	215446	7.98%	1.639%
9	13.297	1727	1737	1749	rBV	1029616	1552730	57.53%	11.811%
10	14.120	1871	1877	1889	rBV	152247	240312	8.90%	1.828%
11	14.678	1964	1972	1986	rBV2	221042	358298	13.28%	2.726%
12	16.170	2219	2226	2239	rBV	869386	1352993	50.13%	10.292%
13	17.427	2432	2440	2454	rBV2	325100	493550	18.29%	3.754%
14	18.285	2580	2586	2594	rBV2	42669	81591	3.02%	0.621%
15	20.024	2876	2882	2891	rBV	2083324	2698913	100.00%	20.530%
16	21.699	3160	3167	3178	rBV	355451	592227	21.94%	4.505%
17	21.834	3186	3190	3197	rVB2	35016	51419	1.91%	0.391%
18	22.445	3289	3294	3301	rVB	55600	85003	3.15%	0.647%
19	23.138	3405	3412	3421	rVB2	70512	128382	4.76%	0.977%
20	23.949	3543	3550	3557	rVB3	57926	117173	4.34%	0.891%
21	24.907	3705	3713	3717	rBV4	42063	105597	3.91%	0.803%
22	24.983	3717	3726	3740	rVB2	188754	562725	20.85%	4.281%
23	26.041	3898	3906	3914	rBV5	29688	87064	3.23%	0.662%
24	27.410	4135	4139	4151	rVB5	11701	33358	1.24%	0.254%

Sum of corrected areas: 13145999

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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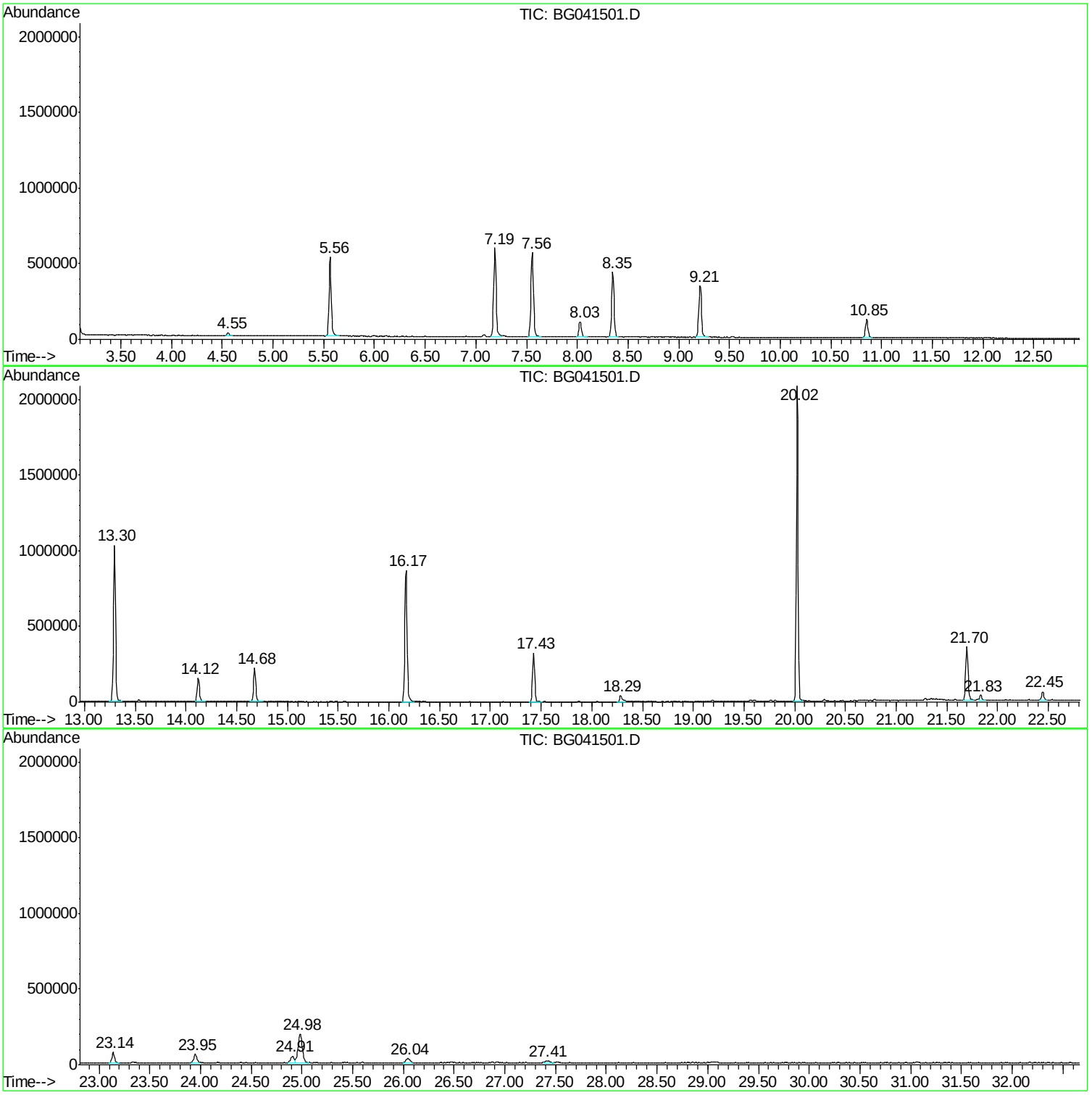
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041501.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

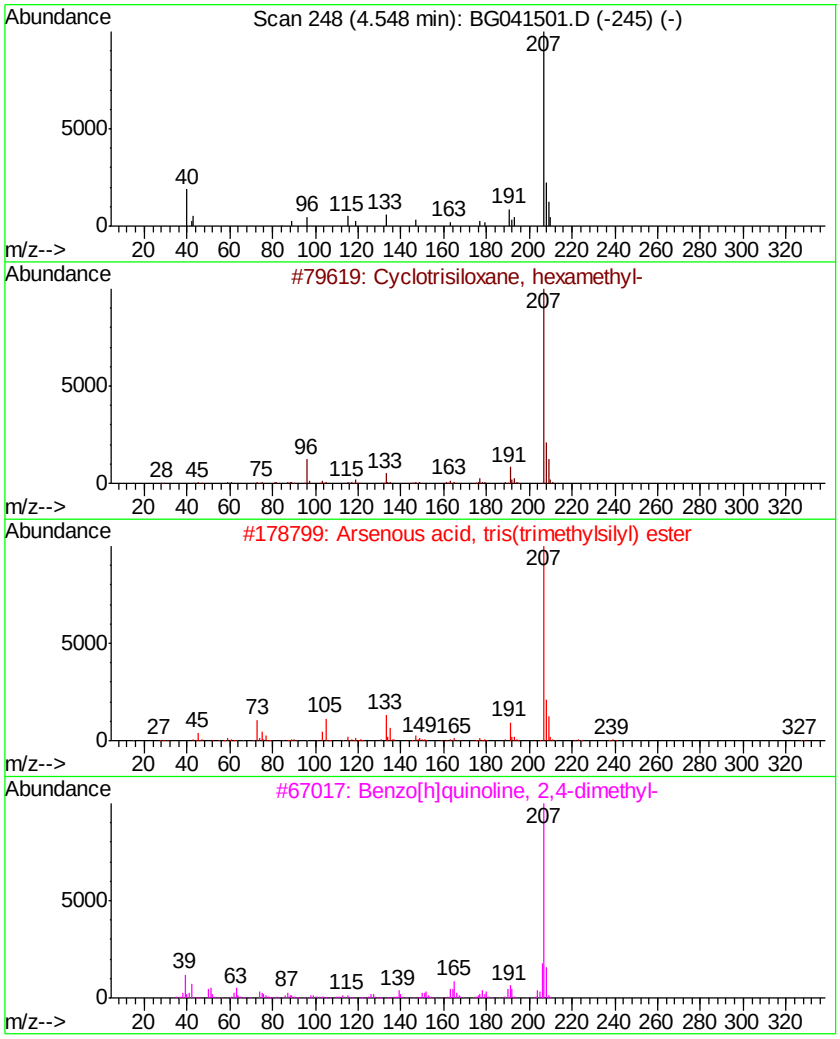
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

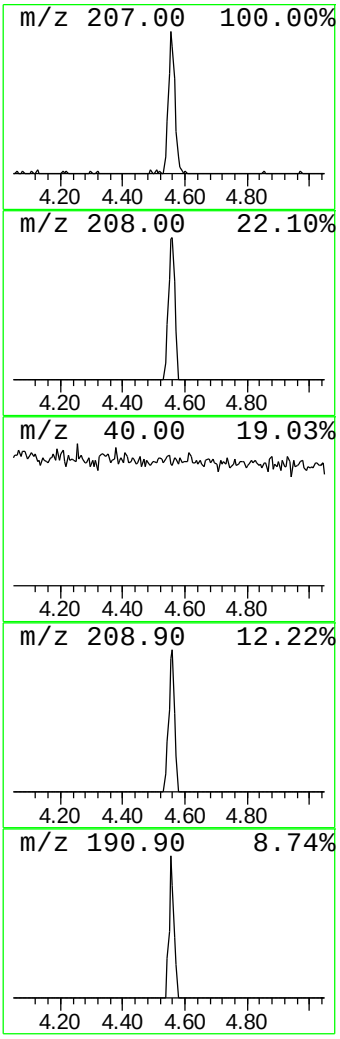
****

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	3.54 ng	32658	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	78
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
4	1H-Indole, 6-methyl-2-phenyl-	207	C15H13N	066354-87-8	9
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041501.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

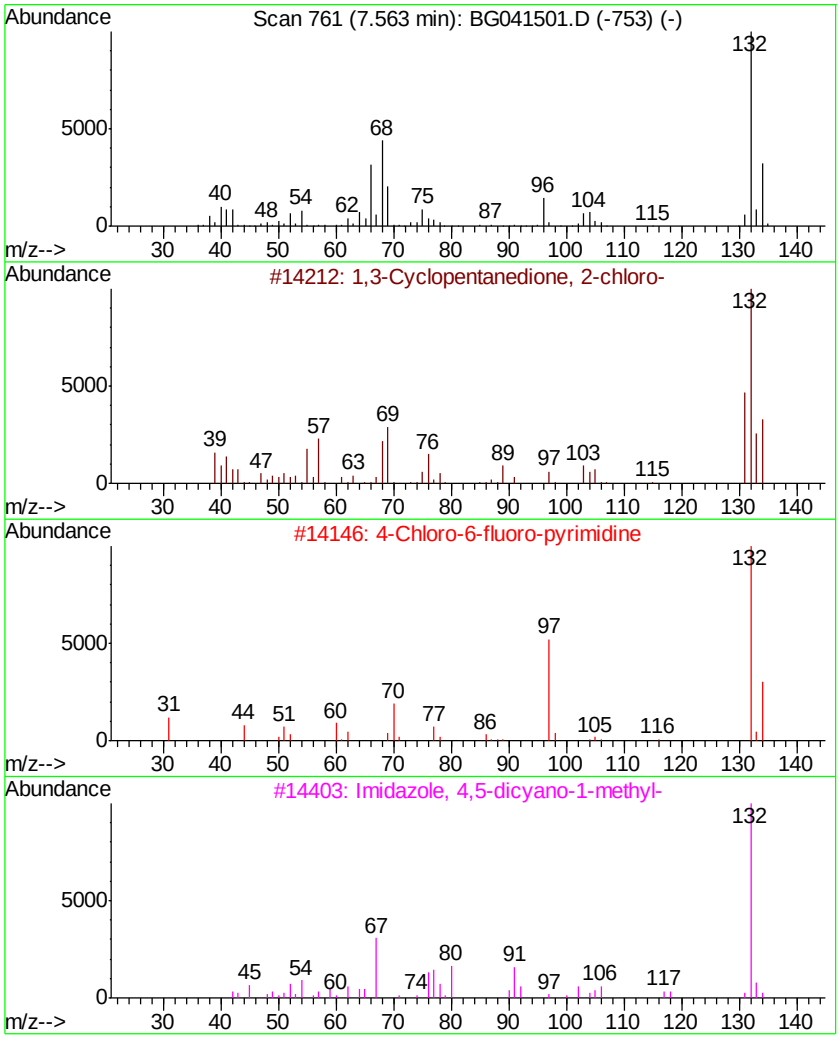
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

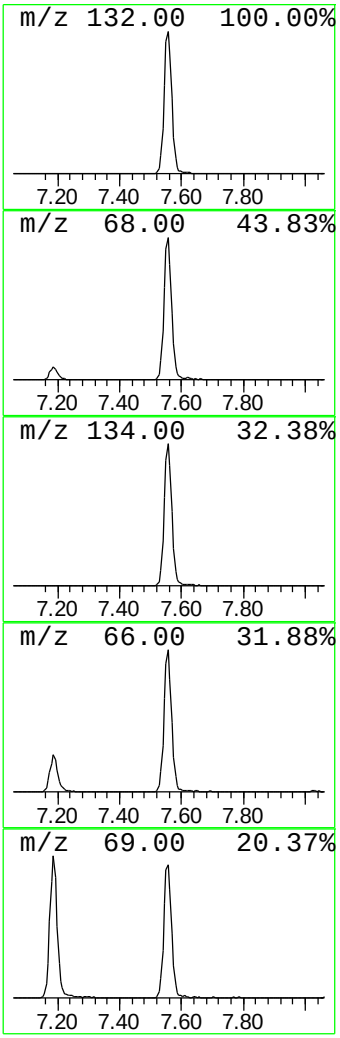
****

Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	104.24 ng	960478	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041501.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

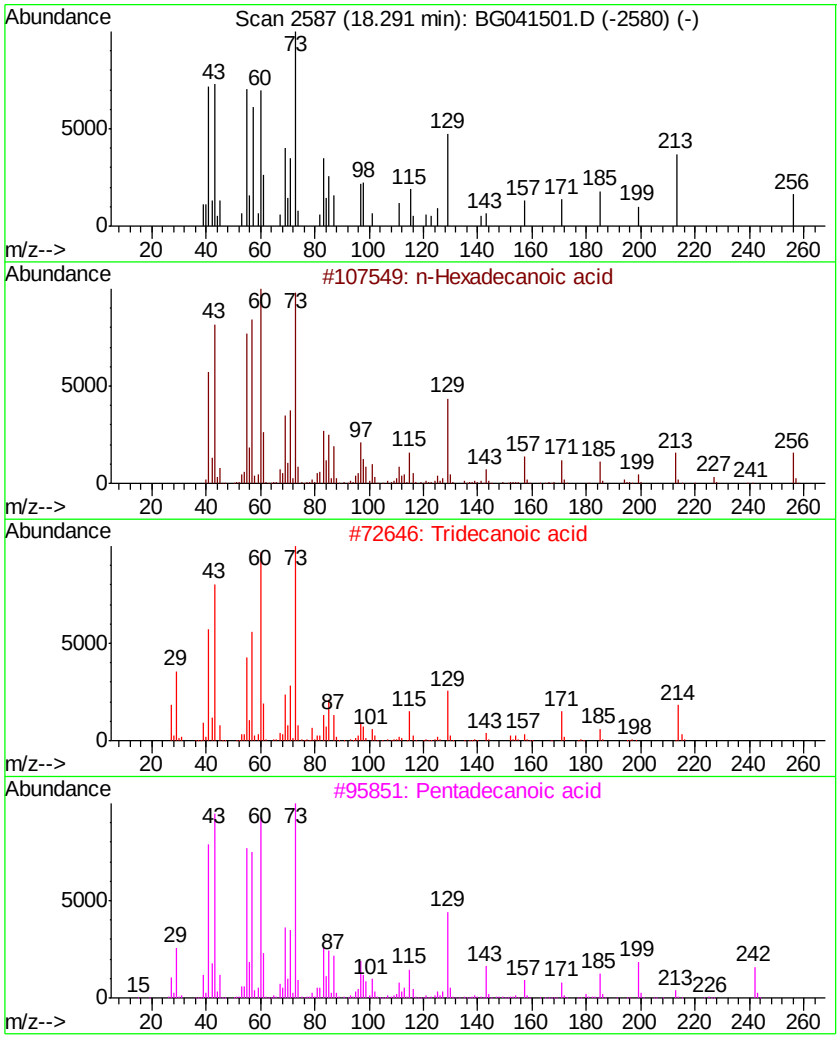
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

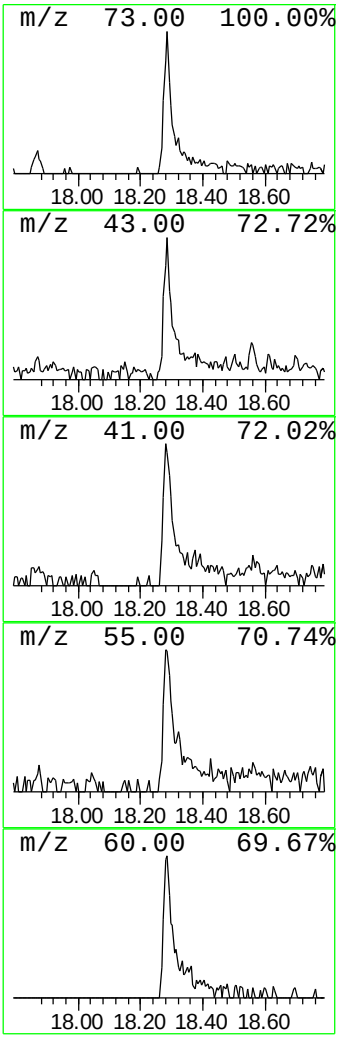
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.31 ng	81591	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041501.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

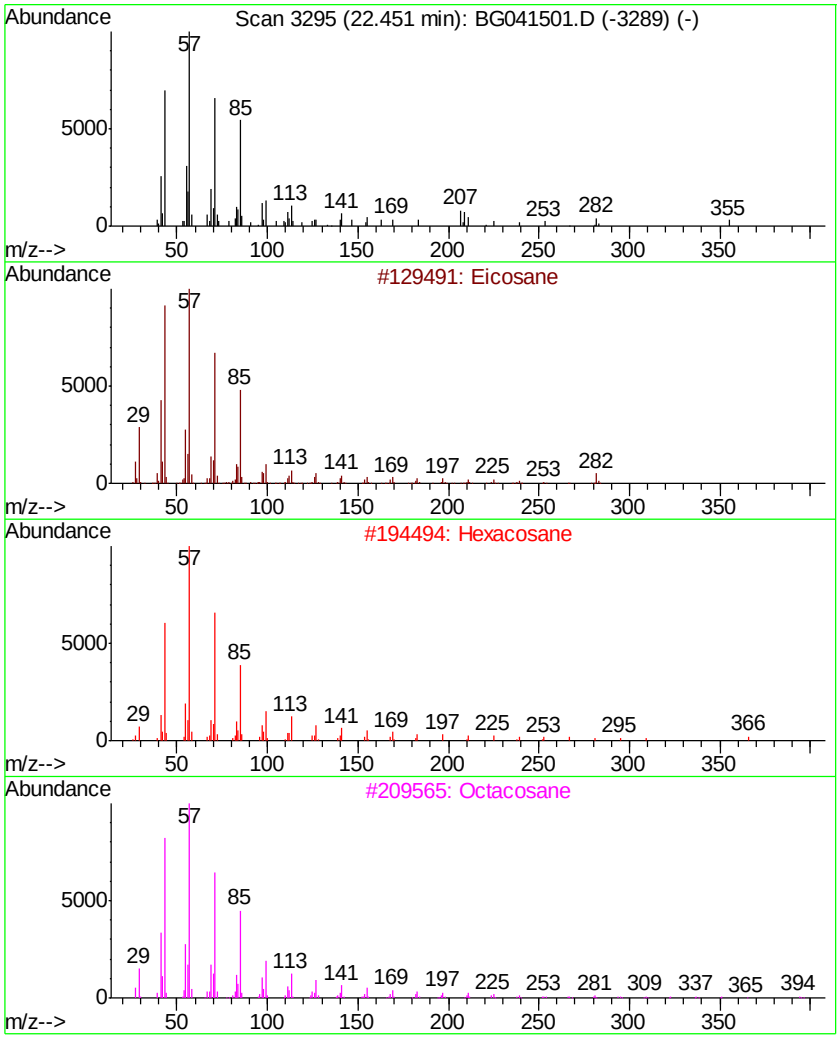
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

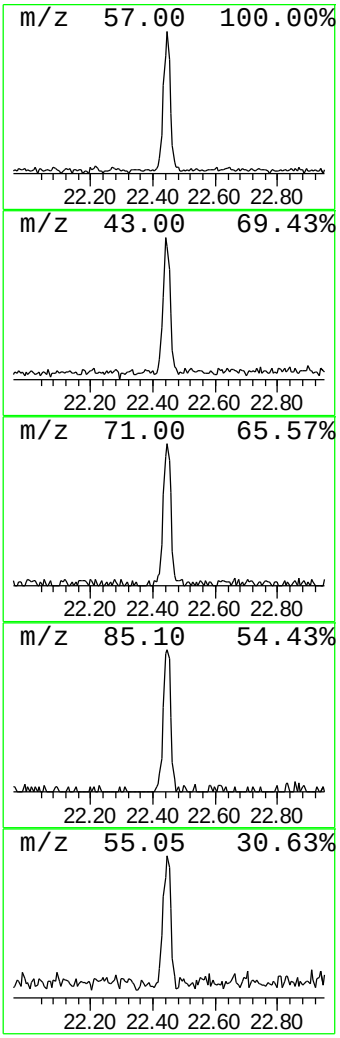
****

Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.87 ng	85003	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041501.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

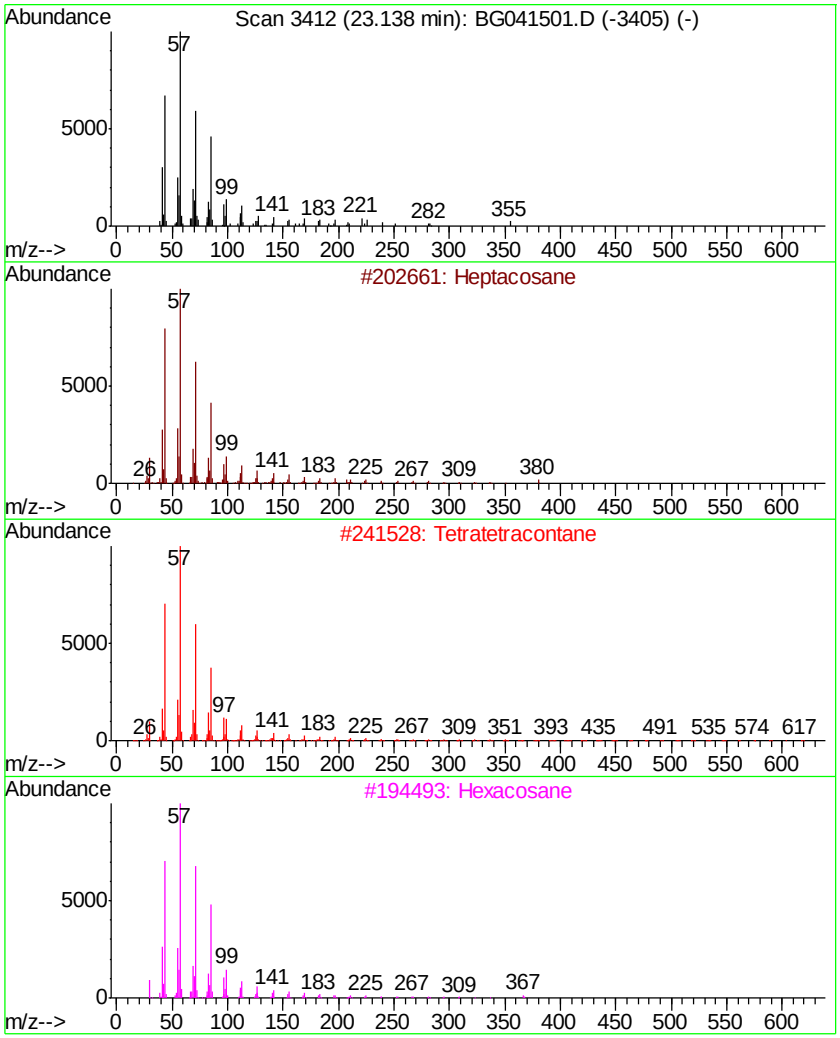
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

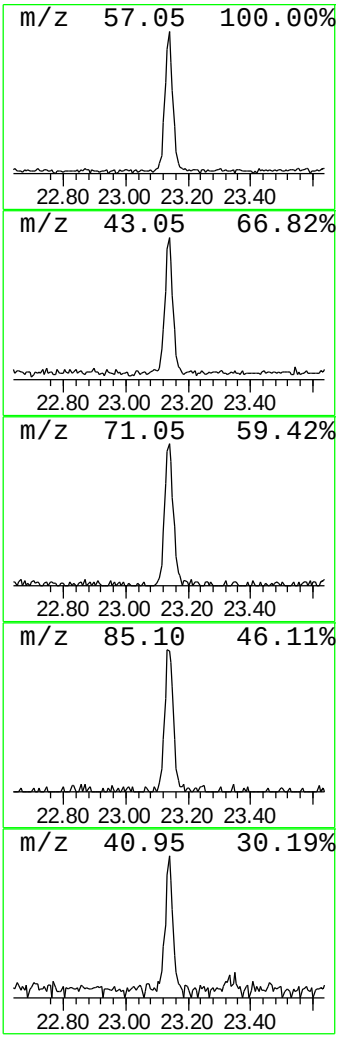
****

Peak Number 6 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	4.34 ng	128382	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

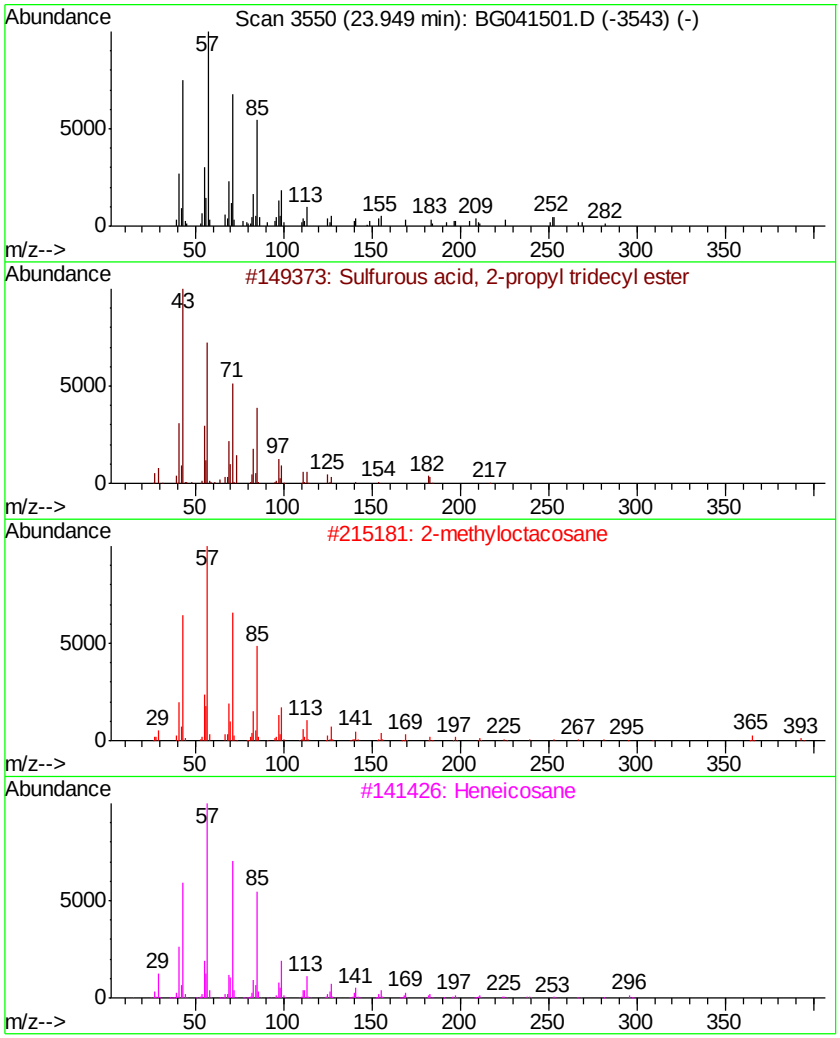
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

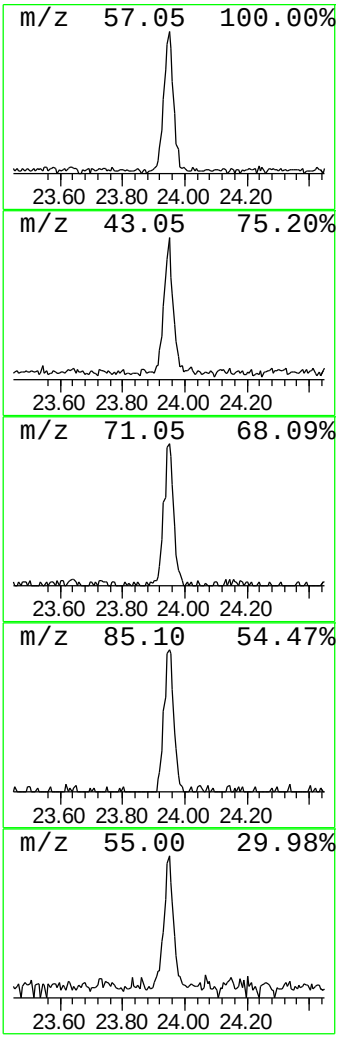
****

Peak Number 7 Sulfurous acid, 2-propyl tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	4.16 ng	117173	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Eicosane	282	C20H42	000112-95-8	83





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Instrument : BNA_G
ClientSampleId : M-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

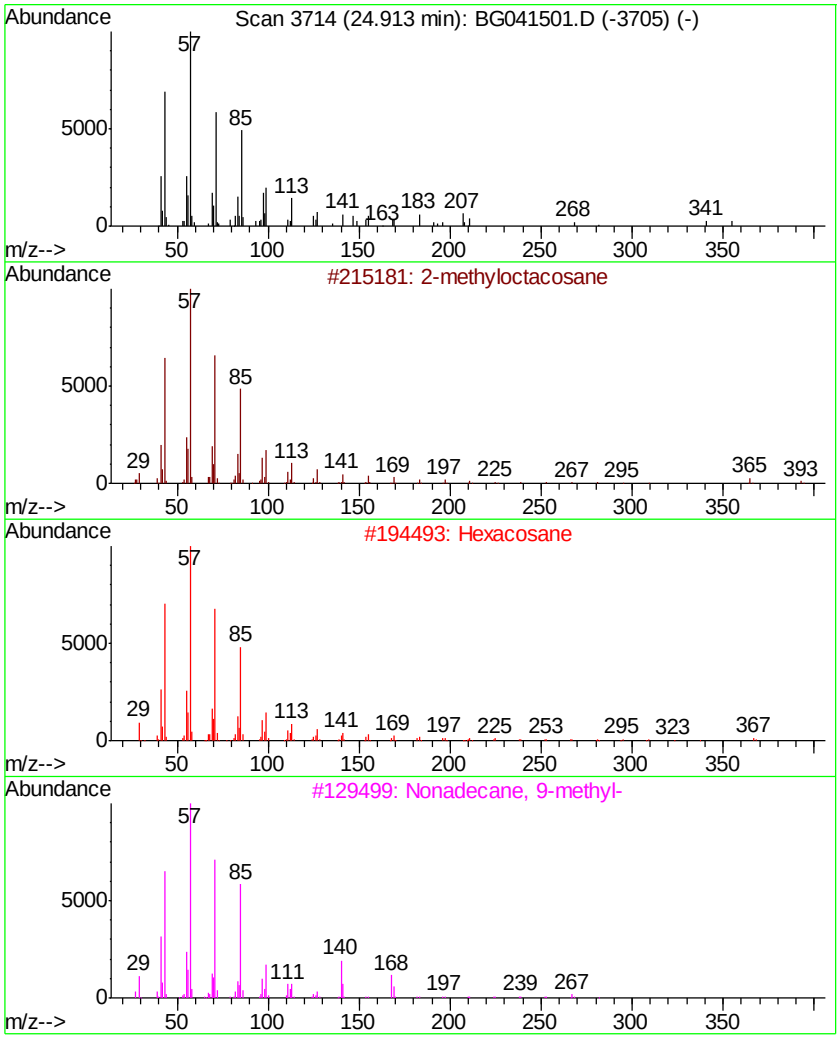
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

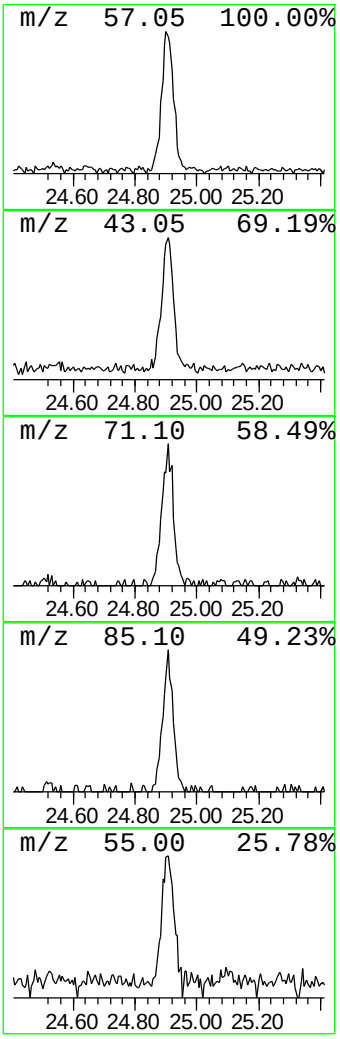
****

Peak Number 8 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	3.75 ng	105597	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Hexacosane	366	C26H54	000630-01-3	83
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
4	Heptacosane	380	C27H56	000593-49-7	76
5	Octadecane	254	C18H38	000593-45-3	74





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : M-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

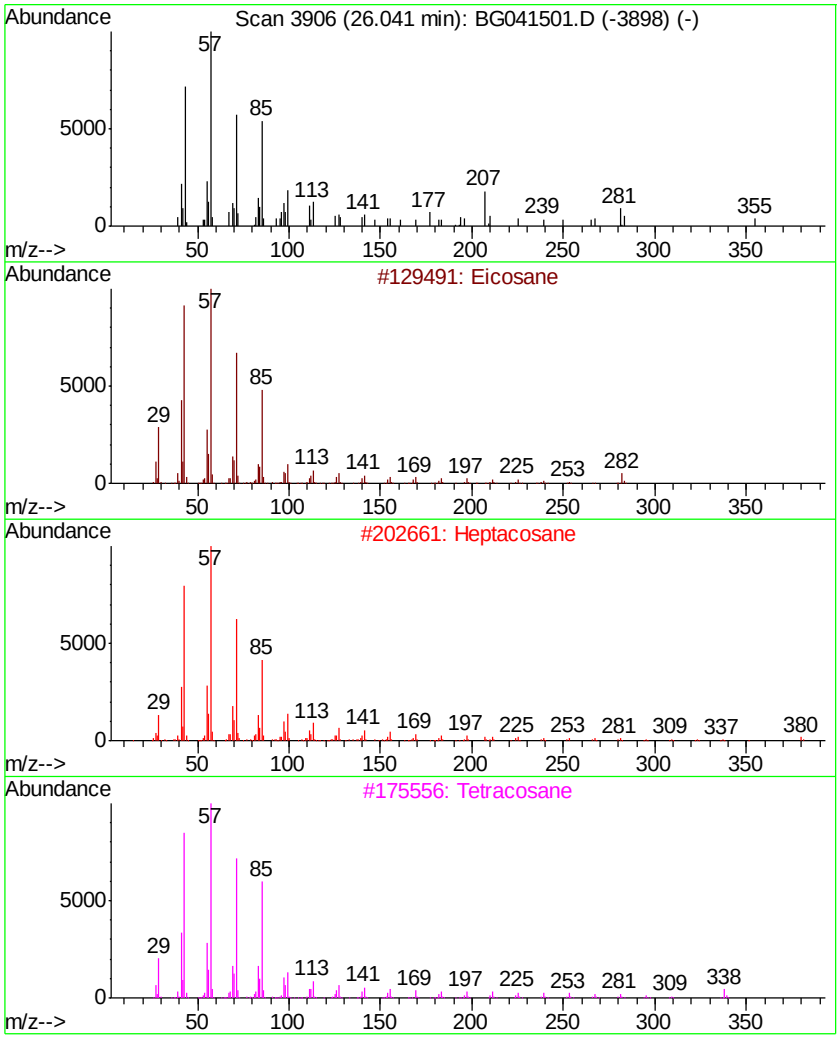
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

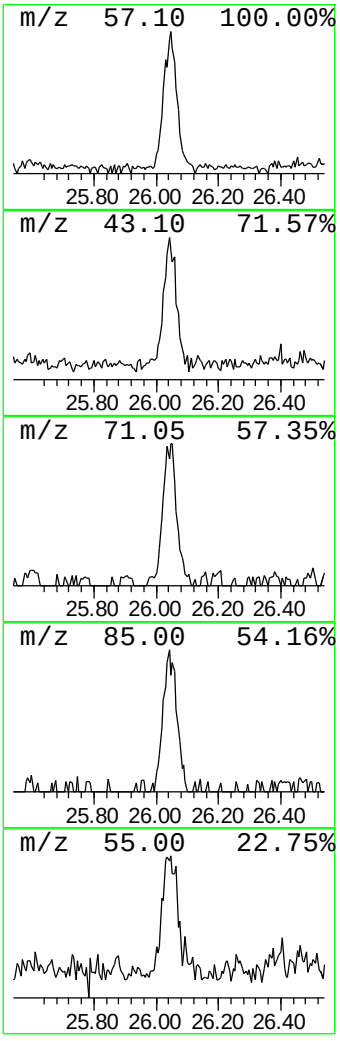
****

Peak Number 9 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	3.09 ng	87064	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptacosane	380	C27H56	000593-49-7	58
3	Tetracosane	338	C24H50	000646-31-1	58
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58
5	Heneicosane	296	C21H44	000629-94-7	58





Tentatively Identified Compound (LSC) summary

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Data File : BG041501.D
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxane,...	4.55	3.5	ng	32658	1	8.03	184285	20.0
unknown7.56	7.56	104.2	ng	960478	1	8.03	184285	20.0
n-Hexadecanoic acid	18.29	3.3	ng	81591	4	17.43	493550	20.0
Eicosane	22.45	2.9	ng	85003	5	21.69	592227	20.0
Heptacosane	23.14	4.3	ng	128382	5	21.69	592227	20.0
Sulfurous acid, 2...	23.95	4.2	ng	117173	6	24.98	562725	20.0
2-methyloctacosane	24.91	3.8	ng	105597	6	24.98	562725	20.0
Tetracosane	26.04	3.1	ng	87064	6	24.98	562725	20.0